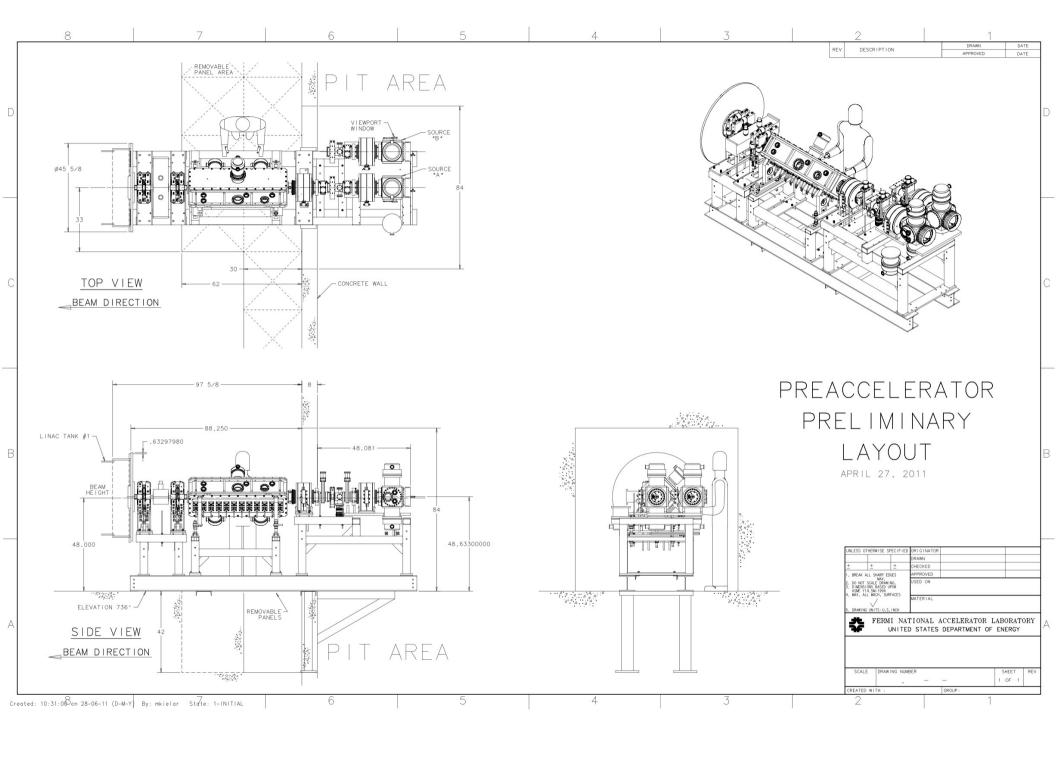
Pre-injector Upgrade Updates (17 Aug 2011 – 14 Sep 2011)

C.Y. Tan 14 Sep 2011

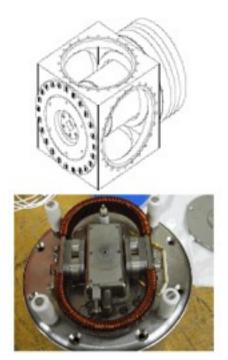
Review (01 Sep 2011)

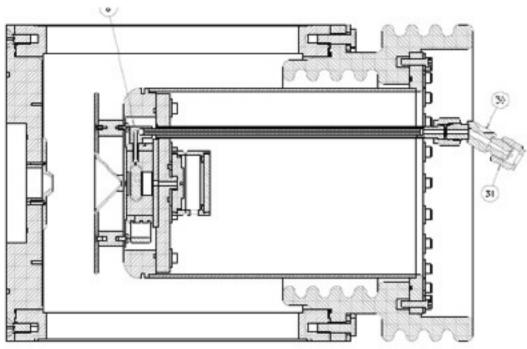
- 8:30 9:00 Executive Session (closed) 30'
- 09:00 09:20 Introduction and Overview 20' Speaker: william pellico (FNAL)
- 09:20 09:50 Integration/Beam Matching(RFQ/Injector Design) Issues 30' Speaker: Cheng-Yang Tan (Fermilab)
- 09:50 10:10 Ion Source Design and Status 20' Speaker: Dan Bollinger (Tevatron Department)
- 10:10 10:40Installation and Commissioning Plan 30' Speakers: Mary Convery (Fermilab),
 william pellico (FNAL)
- 10:40 11:00 Coffee
- 11:00 11:30 Instrumentation and Control Plan 30' Speakers: Vic Scarpine (Fermilab) , Elmie Peoples-Evans (Fermilab)
- 11:30 12:00 Issues, worries, and contingency plans 30' Speaker: Cheng-Yang Tan (Fermilab)
- 12:00 13:30 Lunch (Executive Session for Committee)
- 13:30 14:30 Questions and Answers 1h00'
- 14:30 16:00 Writing Session (closed) 1h30'
- 16:00 17:00 Closeout 1h00' http://beamdocs.fnal.gov/AD-public/DocDB/ShowDocument?docid=3941

July	Aug	Sep	Oct	Nov Connec	Dec	
H- testing		<u> </u>	Connect to LEBT, Beam test	RFQ	2	
RFQ delivered	Vacuum test and lower power test	sole	ium, noids, rols etc High power te	est	After Einzel lens te	
		We are h	RFQ stand ready, RFQ driver must be ready			
Solenoid power up						
			Let's aim for week of Octo	beam on the ber!	first	



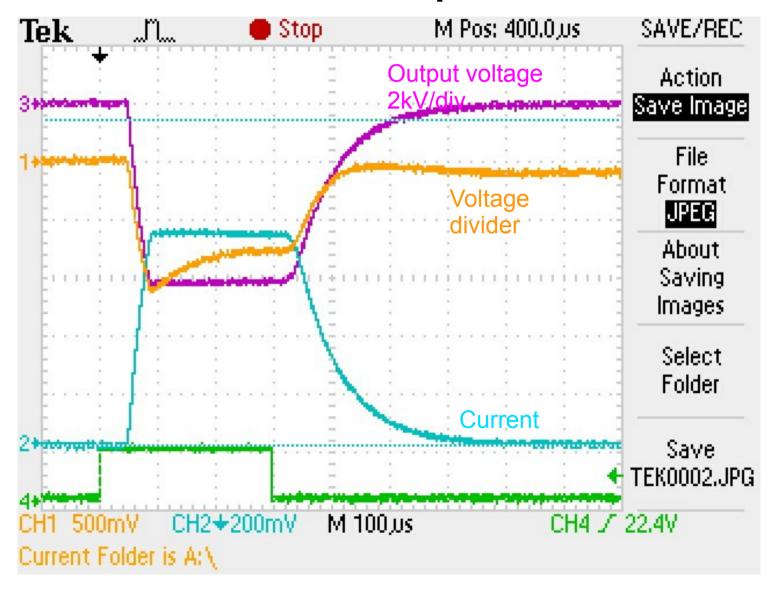
Source Status





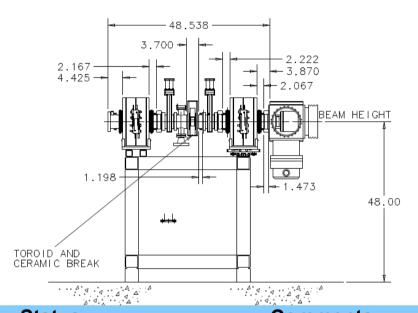
Device	Status	Comments
Modulator PS	To be installed	Need info on how to control
Valve pulser	being tested	
Arc modulator pulser	starting on it now	
extractor pulser		
	testing	

First results from new extractor pulser



Small problem with voltage divider.

LEBT Status



Klixons on solenoids!

Device	Status	Comments
Solenoid PS	Tests complete?	
LEBT stand	arrived	14 Sep
LEBT beampipe	Complete (22 Aug)	
Correctors		Should be delivered in mid Oct.
Solid state switches	Have PO	Expect to be delivered 1st week of November
LEBT stand	Nearly done	Slide, stand expected delivery 12 Sept. Small parts may be missing.
Solenoid #4	Potted	Waiting for measurements. Klixons need to be installed

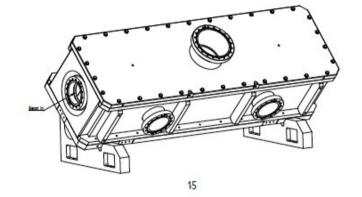
LEBT Stand

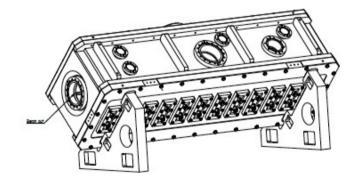




RFQ Status

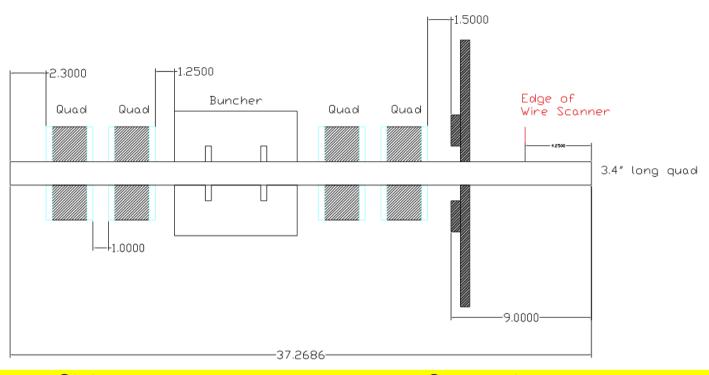
- •Leak checked. 24 Aug 2011.
- •Where's Waldo? Where's the TUNER???
 - Shipped from Germany 13 Sep.!!!!!



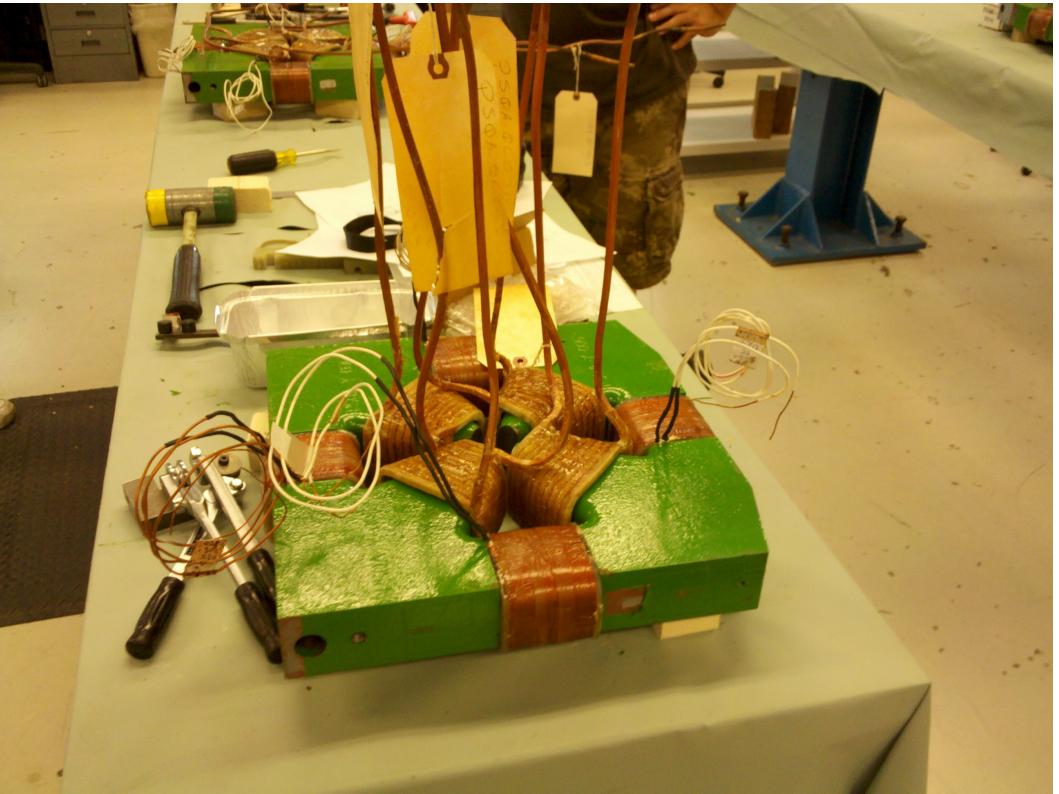


Device	Status	Comments
4816 PA	Cables being pulled	

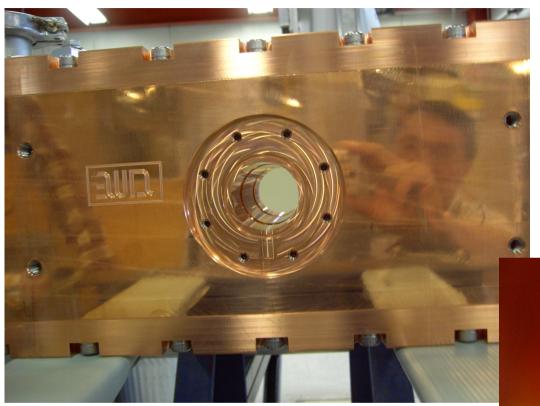
MEBT Status



Device	Status	Comments
Quads	Cores delivered. 1 st set of coils test fitted on 1 quad.	Expect 1 st set of doublets end of Sept
Buncher	Measurements started 07 Aug. Should be complete with grids by 21 Sep.	Without grids test complete. Grids are inserted. Tuning block attached.
Power for quads	Specs to follow	Quads being redone.
Power for buncher		Use present buncher supply in the line.



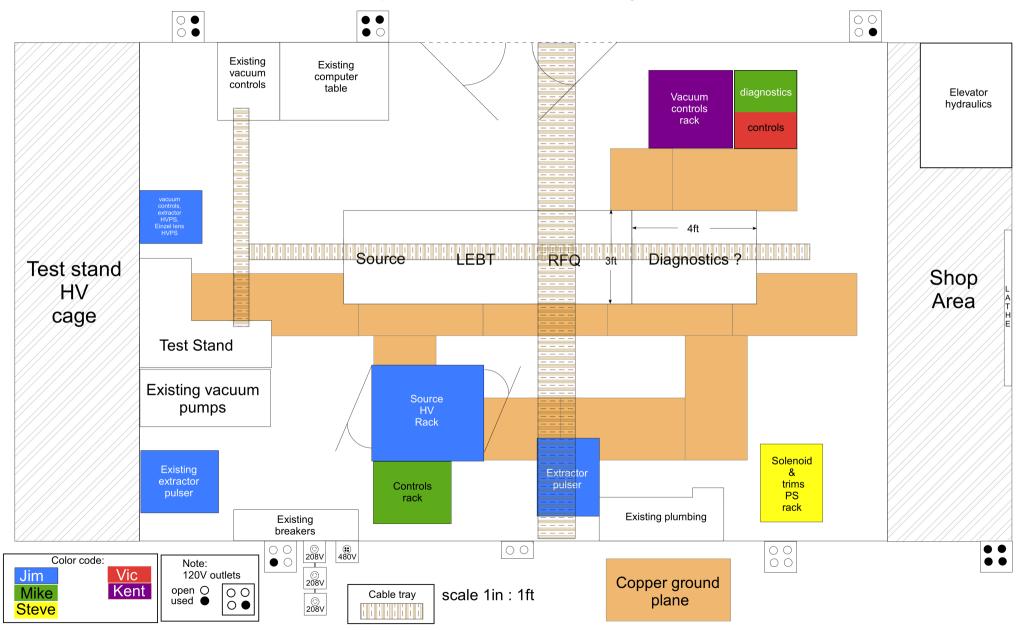
Buncher







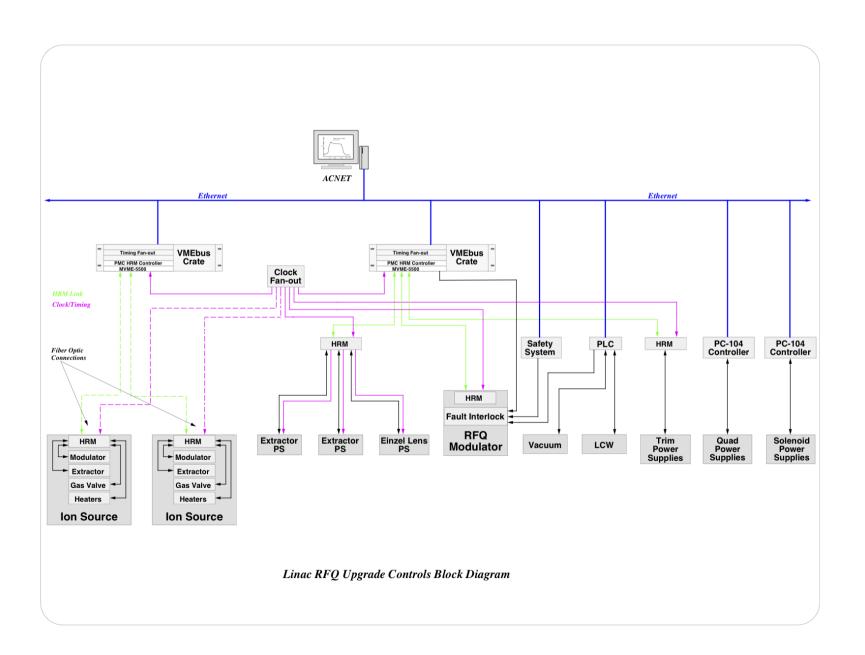
Proposed test area layout



Test area, test stand and instrumentation

Device	Status	Comments
MW can	Complete! (10 Aug)	
MW electronics	Complete! (10 Aug)	
Instrumentation stand emittance probes can	Drawings being checked (24 Aug) Drawings being checked (24 Aug)	
Toroid and dump	Complete! (24 Aug)	
Toroid stand. TOF Faraday Cup	Complete! (09 Sep) 3 BPM shells Needs zero length adapter	

Controls



Safety